PPLICATION PUBLISHED UNDER THE PATENT COPPERATION TREATY (PCT) (12) INTERNATION

(19) World Intellectual Property Organization International Bureau



) (1881 - 1882 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 1884 - 18

(43) International Publication Date 29 April 2004 (29.04.2004)

PCT

(10) International Publication Number WO 2004/036067 A3

(51) International Patent Classification7: F16C 29/00, 19/20, A61G 1/003, 7/10

(21) International Application Number:

PCT/GB2003/004470

(22) International Filing Date: 14 October 2003 (14.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

GB

(30) Priority Data: 0223707.1

14 October 2002 (14.10.2002)

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

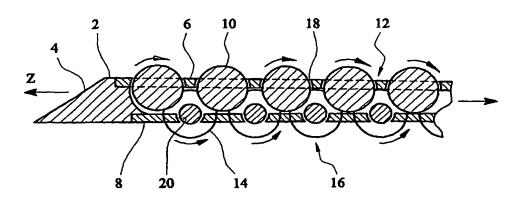
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of
- (88) Date of publication of the international search report: 10 June 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CONVEYOR BEARING ASSEMBLY WITH TWO LAYERS OF COUNTER ROTATING BEARING BALLS AND A STRETCHER WITH SUCH A CONVEYOR BEARING ASSEMBLY TO LIFT A BODY



(57) Abstract: A bearing (1) having a frame (2), the frame at least partly surrounding two matrices (12, 16), each of a plurality of spheres (10) which are mounted for rotation so that the spheres in each matrix when the matrix is flat lie in a substantially single plane, the plane of one matrix being parallel to that of the other; the spheres of one matrix are so located that they mostly lie against the spheres on the other matrices so that rotation of the spheres of one matrix results in counter-rotation of spheres of the other matrix; the bearing formed in such a way enables the bearing to be pushed or pulled under an object such as a patient lying on the ground with little or no movement transmitted to the object/patient as the bearing moves between the object and an underlying surface. The bearing can also be used for massaging a patient who is unable to move his or her body or for bearings with civil engineering applications.

INTERNATIONAL SEARCH REPORT

itional Application No 03/04470

A. CLASSIFICATION OF SUBJECT IPC 7 F16C29/00

F16C19/20

A61G1/003

A61G7/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 F16C A61G A61H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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Date of the actual completion of the international search	Date of mailing of the international search report
31 March 2004	13/04/2004
Name and mailing address of the ISA	Auth- tzed officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	De Jongh, C

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